

Job Title: ENGINEERING TECH I - SURVEY TECHNICIAN - IPR#46042

Agency : Department of Transportation

Closing Date/Time: 11/17/2022

Salary: \$2,695 - \$4,735 Monthly

Job Type: Salaried Full Time

County: Sangamon

Number of Vacancies: 1

Plan/BU: NR916 - Protech Teamsters

This position is a union position; therefore, provisions of the relevant collective bargaining agreement/labor contract apply to the filling of this position.

All applicants who want to be considered for this position MUST apply electronically through the illinois.jobs2web.com website. State of Illinois employees should click the link near the top left to apply through the SuccessFactors employee career portal.

Applications submitted via email or any paper manner (mail, fax, hand delivery) will not be considered.

Agency Mission Statement

The Illinois Department of Transportation is seeking to hire an Engineering Technician I.

The IDOT team works diligently to provide safe, cost-effective transportation for Illinois in ways that enhance quality of life, promote economic prosperity and protect our environment. We are problem solvers and leaders, constantly searching for innovations and improvements in support of our commitment to providing the best multimodal transportation system for Illinois.

Our team fosters a culture of inclusivity. We value diversity and hold ourselves to the highest ethical standards as we work together for a common purpose. Team members frequently collaborate with colleagues and others outside the department to best meet customer needs.

The department offers extensive training and career advancement opportunities.

- As an Engineering Tech I, you have the possibility of promoting to an Engineering Tech II within 18-24 months.
- A possibility of promoting to an Engineering Tech III within 30-36 months.

Engineering Technician I's with the Illinois Department of Transportation work with engineers from diverse backgrounds, experiences, and careers. They are exposed to both external and internal engineering professionals. This program is a unique opportunity to expand your knowledge and career while networking within a vast engineering network. IDOT offers an ideal program to start and expand an engineering career.

Employees also receive a robust benefit package including:

- Monday-Friday work schedule
- Flexible work schedules are available in many program areas.
- Health, Life, Vision, and Dental Insurance
- Pension Plan
- (10) Weeks paid Maternity/Paternity Leave
- Deferred Compensation Program and other pre-tax benefit programs (Medical/Daycare)
- Employees earn (12) paid Sick Days annually.
- New Employees earn (10) paid Vacation Days their first year of service and can earn up to (25) paid Vacation Days annually.
- Employees earn (3) paid Personal Days annually.
- (13-14) paid holidays annually (based on start date)
- Tuition Reimbursement

We invite qualified applicants to apply to become part of our team. We are confident that you will take pride in serving Illinois and its residents and visitors.

Job Responsibilities

This position assists in obtaining field survey measurements by operating and reading instruments used in conducting route, bridge, hydraulic, and boundary surveys. In addition, this position assists members of surveys in Computer Aided Design and Drafting (CADD) and other survey application programs.

Number of Surveys: 50-250 (up to 20 miles in length) annually
Contract Value: \$15 million to \$40 million annually

This position reports to the Senior Survey Crew Chief. No subordinates report to this position.

This position assists the Senior Survey crew chief and other members in providing surveying services for project maintenance, design plans, land acquisition, locating right-of-way lines, centerline staking for construction, and other survey needs for District 6. The incumbent utilizes state-of-the-art, highly sophisticated equipment to obtain accurate measurements. This position plays a unique role in that the survey work performed by the crew provides a basis for critical decisions for design, land acquisition, construction and maintenance operations.

Typical problems encountered in this position include following all policies and standards of surveying and ensuring the accurate measurements of survey related projects. The incumbent will be challenged with working in the field with seasonal weather conditions and ensuring work assignments are completed accurately and on time.

The incumbent, as a survey crew member, operates and maintains general and advanced survey equipment including Global Positioning Systems (GPS), total stations, electronic levels, and 3D terrestrial scanners. The incumbent assists in setting project horizontal and vertical control monuments, running level circuits, and performing surveying functions and support related to the project.

The incumbent is constrained by all department policies and must conform to department approved surveying practices. Instances that are not in accordance with these rules are referred to the Senior Survey Crew Chief for resolution.

The incumbent has frequent contact with the district Bureau of Project Implementation, as well as the sections within Project Development. This position requires statewide travel with overnight stays and may require overtime.

The effectiveness of this position is measured based on the incumbent's ability to assist a survey crew to perform the survey tasks in a manner that ensures data is complete, accurate, and provided in a timely fashion.

Principal Accountabilities

1. Assists survey crews in performing necessary field and office work in preparation of topographic, hydraulic, construction maintenance and property survey projects.
2. Assists District and Bureaus of Program Development and Construction staff in performing surveying functions related to the design and construction of department roadway and structure projects.
3. Assists in maintaining survey equipment.
4. Assists Surveys staff in CADD and other survey application programs.
5. Performs duties in compliance with departmental safety rules. Performs all duties in a manner conducive to the fair and equitable treatment of all employees.
6. Performs other duties as assigned.

Qualifications

Position Requirements

- Education/Experience:
 - Completion of two years of college in civil engineering technology, pre-engineering or a job related technical/science curriculum; OR
 - Two years of engineering experience
- Valid driver's license
- Occasional statewide travel with overnight stays
- Outdoor work in a variety of conditions including, but not limited to, active construction site, drilling sites, roads open to the traffic, and weather.

Position Desirables

- Knowledge and experience in surveys relating to boundary, topographic and hydraulic survey and survey control.

- Experience using survey equipment and CADD software in survey processing or roadway designs
- Knowledge of general roadway and structure design and construction practices

Work Hours: Varies by season

40 hrs/week, 10 hour days (from April to November), 6:00 AM - 4:30 PM, (1/2 hour lunch) Monday - Thursday

40 hrs/week, 8 hour days (from November to April), 7:00 AM - 3:30 PM, (1/2 hour lunch) Monday-Friday

Work Location: 126 E Ash St Springfield, IL 62704-4766

Office: Office of Highways Project Implementation/Region 4/District 6/Program Development

Agency Contact: DOT.CONTACTHR@ILLINOIS.GOV

Job Family: Transportation

APPLICATION INSTRUCTIONS

Use the "Apply" button at the top right or bottom right of this posting to begin the application process.

If you are not already signed in, you will be prompted to do so.

State employees should sign in to the career portal for State of Illinois employees – a link is available at the top left of the Illinois.jobs2web.com homepage in the blue ribbon.

Non-State employees should log in on the using the "View Profile" link in the top right of the Illinois.jobs2web.com homepage in the blue ribbon. If you have never before signed in, you will be prompted to create an account.

If you have questions about how to apply, please see the following resources:

State employees: Log in to the career portal for State employees and review the Internal Candidate Application Job Aid

Non-State employees: on Illinois.jobs2web.com – click "Application Procedures" in the footer of every page of the website.

The main form of communication will be through email. Please check your "junk mail", "spam", or "other" folder for communication(s) regarding any submitted application(s). You may receive emails from the following addresses:

- donotreply@SIL-P1.ns2cloud.com
- systems@SIL-P1.ns2cloud.com